

1 **AMENDMENT TO THE SPECIFICATION:**

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3 Please amend the last paragraph on Page 5, Lines 20-28 as follows:

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5 The nano phase is created by breaking the nano aluminum oxide layer on the aluminum  
6 powder surface into a nano-scale reinforcement for strength enhancement. The total volume  
7 percent of the  $\text{Al}_2\text{O}_3$  nano-scale phase,  $N_T$ , and the total volume percent of the modulus phase,  
8  $V_M$ , the total volume percent of the aluminum phase in the nanocomposite is  $V_{al}$  in a three-phase  
9 nanocomposite are predetermined according to the strength and modulus requirement to be met  
10 as well as the aluminum matrix alloy type. Different applications may require different  $N_T$  and  
11  $V_M$ .  $N_T$  is about 0.5 to 10 vol % and  $V_M$  is about 1 to 45 vol %. The volume percent  
12 of nano phase  $\text{Al}_2\text{O}_3$ ,  $N_{Al}$ , needed in the aluminum powder can be calculated by Equation [1]:  
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